



18 Rec'd OCT/PTC

18 NOV 2005  
NOV 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/522,119
		Filing Date	January 25, 2005
		First Named Inventor	Y. Inoue
		Art Unit	tba
		Examiner Name	tba
Total Number of Pages in This Submission	13	Attorney Docket Number	3073 USOP

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard; Certificate of Express Mailing Copy of Notification Copy of executed Declaration Copy of Return Postcard Receipt
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<b>Remarks</b>		
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 500799.		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Mark Chao, Ph.D., JD		
Date		Reg. No.	37,293

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Gail L. Winokur	Date	11/18/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

*Express Mail # EV 617428165 US*



IAP10 Rec'd PCT/PTO 18 NOV 2005

X  
6

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/522,119

Filed: January 25, 2005

1<sup>st</sup> Inventor: Y. Inoue

For: Furoisoquinoline Derivative and Use Thereof

Atty. Dkt. No. 3073 USOP



Art Unit: tba

Examiner: tba

Allowed:

Batch:

Paper No.:

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

USPS EXPRESS MAIL LABEL. No. 617428165 US

DATE IN: November 18, 2005

## Itemized Papers/Items:

1. This Certificate of Express Mailing and Postcard (2 pages)
2. Transmittal Form (1 page X 2)
3. Response to Notice of Missing Requirements (2 pages) and copy of Notification of Missing Requirements (2 pages).
4. A copy of executed Oath/Declaration of all the named inventors previously submitted to the USPTO on March 16, 2005 (4 pages).
5. A copy of the Return Postcard receipt from the USPTO listing the Declaration as Item 3, mailed March 16, 2005. (1 page).

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

MAIL STOP PCT  
Commissioner for Patents  
Alexandria, VA 22313-1450

on this date, 11/18/05

Dated: 11/18/05

Gail L. Winokur

Takeda Pharmaceuticals North America, Inc.  
Intellectual Property Department  
475 Half Day Road  
Lincolnshire, IL 60069 USA



18 Rec'd PCT/PTC 18 NOV 2005

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/522,119  
Filed: January 25, 2005  
1<sup>st</sup> Inventor: Y. Inoue  
For: Furoisoquinoline Derivative and Use Thereof  
Atty. Dkt. No. 3073 USOP

Art Unit: tba  
Examiner: tba  
Allowed:  
Batch:  
Paper No.:

**Response to Notice of Missing Requirements Under 35 USC §371**

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

In response to the Notice of Missing Requirements mailed October 17, 2005, Applicants respectfully submit the following Response. A copy of the Notice is attached.

A true and correct copy of the duly executed Oath/Declaration of all the named inventors for the above-identified application was submitted to the USPTO on March 16, 2005.

Attached is a copy of the Declaration as submitted.

Attached is a copy of the return postcard receipt from the USPTO listing the declaration as item 3, mailed March 16, 2005.

Thus no additional fee is required.

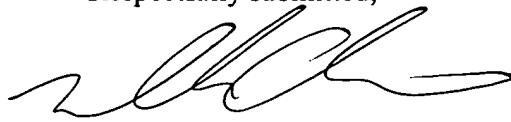
## **Conclusion**

Applicants herewith authorize the Commissioner to charge the Applicants' USPTO deposit account No. 500799 for any fees deemed appropriate

Early allowance of the claims is requested. Should the Examiner believe that a conference with applicants' attorney would advance prosecution of this application, the Examiner is respectfully invited to call applicants' attorney.

Respectfully submitted,

Dated: November 18, 2005



---

Mark Chao, Ph.D., Reg. No. 37,293  
Elaine M. Ramesh, Ph.D., Reg. No. 43032  
Attorney for Applicants  
Customer No. 23115

Takeda Pharmaceuticals North America, Inc.  
Intellectual Property Department  
475 Half Day Road  
Lincolnshire, IL 60069 USA

10 Rec'd PCT/PTO 18 NOV 2005

Application No.:	10/522,119	Art Unit:	tba
Filed:	01/25/2005	Examiner:	tba
1 <sup>st</sup> Inventor:	Yoshihisa Inoue	Allowed:	
For:	Furoisoquinoline Derivative and Use Thereof	Batch:	
Atty Dkt. No.	3073 USOP	Paper No.:	

The USPTO is requested to kindly acknowledge receipt of the following items:

1. This Postcard and Certificate of Express Mailing (2 pages)
2. Transmittal Form (1 page) and Fee Transmittal Form (1 page x 2)
3. Executed Declaration (4 pages)
4. Assignment (2 pages), and Recordation Cover Sheet (1 page X 2)

Respectfully submitted 3/16/05 For Customer No. 23,115  
Express Mail Label No. EV 5249038093 US  
By Mark Chao, PhD, JD - Reg. No. 37,293

355

Application No.:	10/522,119	Art Unit:	tba
Filed:	01/25/2005	Examiner:	tba
1 <sup>st</sup> Inventor:	Yoshihisa Inoue	Allowed:	
For:	Furoisoquinoline Derivative and Use Thereof	Batch:	
Atty Dkt. No.	3073 USOP	Paper No.:	

The USPTO is requested to kindly acknowledge receipt of the following items:

1. This Postcard and Certificate of Express Mailing (2 pages)
2. Transmittal Form (1 page) and Fee Transmittal Form (1 page x 2)
3. Executed Declaration (4 pages)
4. Assignment (2 pages), and Recordation Cover Sheet (1 page X 2)

Respectfully submitted 3/16/05 For Customer No. 23,115  
Express Mail Label No. EV 5249038093 US  
By Mark Chao, PhD, JD - Reg. No. 37,293



DT03 Rec'd PCT/PTO 16 MAR 2005

11-21-05

10 Reg'd PCT/PTO 18 NOV 2005

Page 1 of 2 PCT  
355**COPY**UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/522,119	Yoshihisa Inoue	3073 USOP

INTERNATIONAL APPLICATION NO.
PCT/JP03/09386

LA. FILING DATE	PRIORITY DATE
07/24/2003	07/26/2002

Mark Chao  
Takeda Pharmaceuticals North America Inc  
475 Half Day Road  
Lincolnshire, IL 60069

**CONFIRMATION NO. 3710**  
**371 FORMALITIES LETTER**



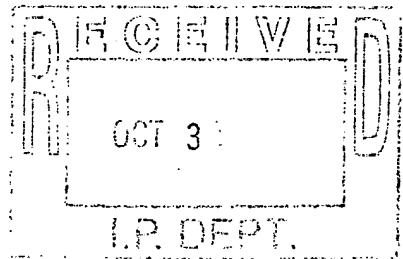
\*OC000000017034622\*

Date Mailed: 10/17/2005

### **NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/25/2005
- Copy of the International Search Report filed on 01/25/2005
- Copy of IPE Report filed on 01/25/2005
- Preliminary Amendments filed on 01/25/2005
- Information Disclosure Statements filed on 01/25/2005
- Copy of references cited in ISR filed on 01/25/2005
- U.S. Basic National Fees filed on 01/25/2005
- Priority Documents filed on 01/25/2005
- Specification filed on 01/25/2005
- Claims filed on 01/25/2005
- Abstracts filed on 01/25/2005



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

CHRISTINE S WASHINGTON

---

Telephone: (703) 308-9140 EXT 228

PART 1 - ATTORNEY/APPLICANT COPY

---

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/522,119	PCT/JP03/09386	3073 USOP

---

FORM PCT/DO/EO/905 (371 Formalities Notice)